

Converting Colors

Hex(5F1DB6)

Have a look what the booklet for
Hex(5F1DB6) contains.

Hex(5F1DB6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F1DB6)

Conversions

Conversions Part 1

Format	Color
Hex	5F1DB6
RGB	95, 29, 182
RGB Percent	37%, 11%, 71%
CMY	0.6275, 0.8863, 0.2863
CMYK	0.48, 0.84, 0.00, 0.29
HSL	266°, 73%, 41%
HSV	266°, 84%, 71%
XYZ	13.6022, 6.6890, 44.8302
YIQ	66.1760, -9.7770, 61.5750

Conversions

Conversions Part 2

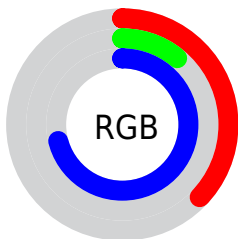
Format	Color
R_{YB}	95, 29, 182
Decimal	6233526
CIE _{Lab}	31.09, 58.57, -67.60
CIE _{LCh}	31, 89.442, 310.904
Yxy	6.6890, 0.2089, 0.1027
Android (android.graphics.Color)	4284423606 (0xFF5F1DB6)
YUV	66.1760, 57.1012, 25.2786
Hunter-Lab	25.8631, 48.6178, -84.6667

Details

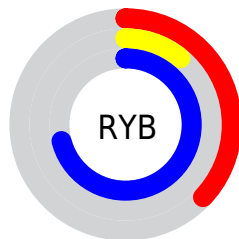
The Hex color **5F1DB6** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **74B61D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9A54EF**, and **1C0080** is the 20% darker color. If you saturate the color by 10%, you get **550BB6**, and if you desaturate by 10%, it is **692FB6**.

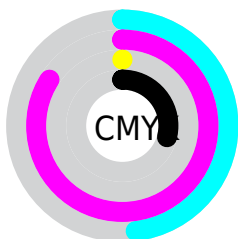
Distribution



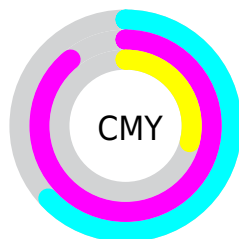
- Red (37%)
- Green (11%)
- Blue (71%)



- Red (37%)
- Yellow (11%)
- Blue (71%)



- Cyan (48%)
- Magenta (84%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (89%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F1DB6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5F1DB6 by changing the saturation by 10% instead.

5F1DB6

5F1DB6

FFFFFF

41009A

9A54EF

1C0080

B76EFF

000066

D589FF

00004D

F3A4FF

000535

FFC0FF

00021F

FFD0FF

000001

FFFAFF

000000

5F1DB6

5F1DB6

■ 550BB6

■ 692FB6

■ 4F00B6

■ 7441B6

■ 7E54B6

■ 8866B6

■ 9378B6

■ 9D8AB6

■ A79CB6

■ B2AFB6

■ BCC1B6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



004DD8



5F1DB6



A80079

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5F1DB6



7D3300



006162

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5F1DB6



74B61D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005F14



5F1DB6



434F00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5F1DB6



A70000



005A00



0062A6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5F1DB6



B8004B



005A00



00604A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5F1DB6



CBB2ED



1D76B6



635478



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5F1DB6



6600ED



A91DB6



57535C



43009C



0C001C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B61D74



ED0087



2AB61D



5C5358



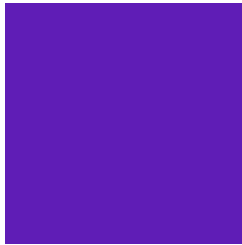
9C0058



1C0010

Previews

White Background



This preview shows how the Hex color 5F1DB6 looks on a white background.

Color Contrast Check

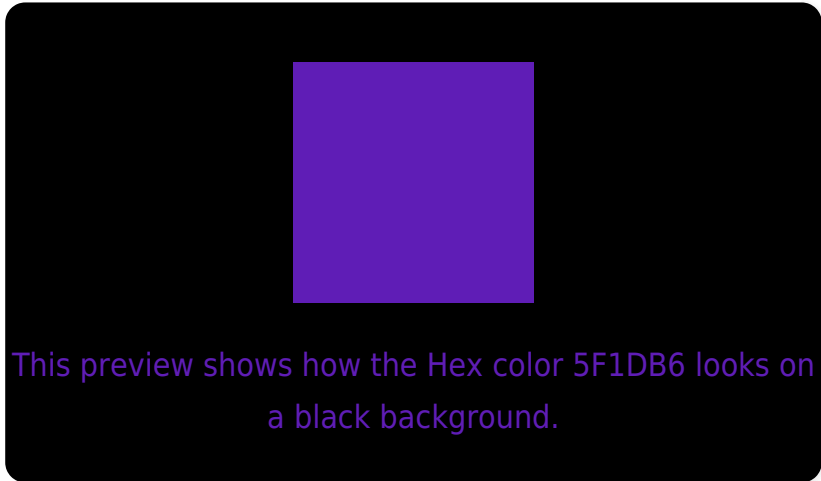
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

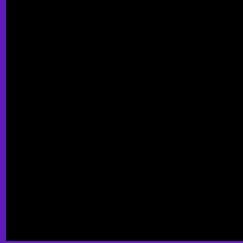
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5F1DB6 Background



This preview shows how black text looks on a background with the Hex color 5F1DB6.

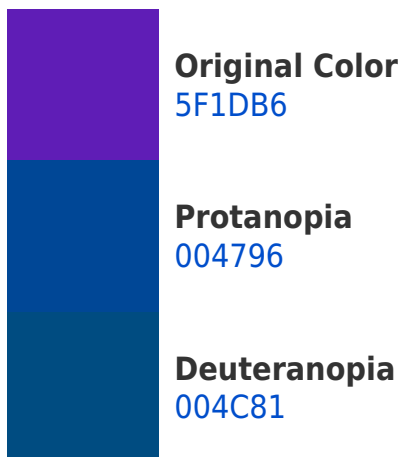


This preview shows how white text looks on a background with the Hex color 5F1DB6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
444B51

Trichromacy



Original Color
5F1DB6



Protanomaly
2338A2



Deuteranomaly
233B94



Tritanomaly
4E3A76

Monochromacy



Original Color
5F1DB6



Achromatopsia
424242



Achromatomaly
4D356C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F1DB6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5F1DB6 looks like.

```
.text, #text, p{  
    color:#5F1DB6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5F1DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1DB6
}
```

Border

The CSS property to change the border of an element to Hex 5F1DB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F1DB6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5F1DB6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5F1DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1DB6; -webkit-box-shadow:4px 4px  
4px 4px #5F1DB6; box-shadow:4px 4px 4px  
4px #5F1DB6 }
```

Background

The CSS property to change the background color of an element to Hex 5F1DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1DB6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5F1DB6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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